

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/573,134
Source: IFWP
Date Processed by STIC: 4/6/06

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/573,134

CRF Edit Date: 4/6/06
Edited by: [signature]

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

/ Deleted: / invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

/ Other: corrected prior application: numeric identifiers



IFWP

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04062006\J573134.raw

5 <110> APPLICANT: University Potsdam
 7 <120> TITLE OF INVENTION: Method for conducting non-invasive early detection of
 8 colon cancer and/or of colon cancer precursor cells
 10 <130> FILE REFERENCE: P198903PC
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/573,134
 C--> 12 <141> CURRENT FILING DATE: 2006-03-23
 12 <150> PRIOR APPLICATION NUMBER: PCT/DE2004/002161
 13 <151> PRIOR FILING DATE: 2004-09-23
 15 <150> PRIOR APPLICATION NUMBER: DE 103 45 021.1
 16 <151> PRIOR FILING DATE: 2003-09-23
 18 <160> NUMBER OF SEQ ID NOS: 36
 20 <170> SOFTWARE: PatentIn Ver. 2.1
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 24 <212> TYPE: DNA
 25 <213> ORGANISM: Artificial sequence
 27 <220> FEATURE:
 28 <223> OTHER INFORMATION: Description of the artificial sequence: primer
 30 <400> SEQUENCE: 1
 31 ttgcagttat ggtcaatacc c 21
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 25
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of the artificial sequence: primer
 41 <400> SEQUENCE: 2
 42 gtgctctcag tataaacagg ataag 25
 45 <210> SEQ ID NO: 3
 46 <211> LENGTH: 20
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial sequence
 52 <220> FEATURE:
 53 <223> OTHER INFORMATION: Description of the artificial sequence: primer
 55 <400> SEQUENCE: 3
 56 cctcaaaagg ctgccacttg 20
 59 <210> SEQ ID NO: 4
 60 <211> LENGTH: 23
 61 <212> TYPE: DNA
 62 <213> ORGANISM: Artificial sequence
 64 <220> FEATURE:
 65 <223> OTHER INFORMATION: Description of the artificial sequence: primer
 67 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:43

Input Set : A:\PTO.AMC.txt

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68 ctgtgacact gctggaactt cgc 23
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72 <211> LENGTH: 25
73 <212> TYPE: DNA
74 <213> ORGANISM: Artificial sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of the artificial sequence: primer
79 <400> SEQUENCE: 5
80 agcaccctag aaccaaattcc agcag 25
83 <210> SEQ ID NO: 6
84 <211> LENGTH: 20
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of the artificial sequence: primer
91 <400> SEQUENCE: 6
92 tggcatgggtt tgtccagggc 20
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 22
97 <212> TYPE: DNA
98 <213> ORGANISM: Artificial sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of the artificial sequence: primer
104 <400> SEQUENCE: 7
105 acaaaccatg ccaccaagca ga 22
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 24
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of the artificial sequence: primer
116 <400> SEQUENCE: 8
117 gagcactcag gctggatgaa caag 24
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122 <212> TYPE: DNA
123 <213> ORGANISM: Artificial sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of the artificial sequence: primer
128 <400> SEQUENCE: 9
129 ttccagatgc tgatacttta 20
132 <210> SEQ ID NO: 10
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of the artificial sequence: primer
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141 ctgaatcatc taataggtcc 20

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RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04062006\J573134.raw

144 <210> SEQ ID NO: 11
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146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial sequence
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153 <400> SEQUENCE: 11
154 ctggtggagt attgatagt g 21
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 21
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial sequence
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163 <223> OTHER INFORMATION: Description of the artificial sequence: primer
165 <400> SEQUENCE: 12
166 tctattgttg gatcatattc g 21
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 20
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of the artificial sequence: primer
177 <400> SEQUENCE: 13
178 ctgatttgat ggagttggac 20
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 20
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of the artificial sequence: primer
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193 <210> SEQ ID NO: 15
194 <211> LENGTH: 19
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial sequence
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208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of the artificial sequence: primer
214 <400> SEQUENCE: 16
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218 <210> SEQ ID NO: 17

RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:43

Input Set : A:\PTO.AMC.txt

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231 <211> LENGTH: 20
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of the artificial sequence: primer
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242 <210> SEQ ID NO: 19
243 <211> LENGTH: 21
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of the artificial sequence: primer s
250 for K-ras
252 <400> SEQUENCE: 19
253 ctggtggagt atttgatagt g 21
256 <210> SEQ ID NO: 20
257 <211> LENGTH: 21
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Description of the artificial sequence: primer as
263 for K-ras
265 <400> SEQUENCE: 20
266 tctattgttg gatcatattc g 21
269 <210> SEQ ID NO: 21
270 <211> LENGTH: 20
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of the artificial sequence: primer s
276 for B-Catechin
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282 <210> SEQ ID NO: 22
283 <211> LENGTH: 20
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of the artificial sequence: primer as
289 for B-Catechin

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RAW SEQUENCE LISTING

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:43

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04062006\J573134.raw

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299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of the artificial sequence: primer s1
304     for APC
306 <400> SEQUENCE: 23
307 ttgcagttatggtcaatacc c                21
310 <210> SEQ ID NO: 24
311 <211> LENGTH: 25
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Description of the artificial sequence: primer as1
317     for APC
319 <400> SEQUENCE: 24
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323 <210> SEQ ID NO: 25
324 <211> LENGTH: 20
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of the artificial sequence: primer s2
330     for APC
332 <400> SEQUENCE: 25
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336 <210> SEQ ID NO: 26
337 <211> LENGTH: 23
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of the artificial sequence: primer as2
343     for APC
345 <400> SEQUENCE: 26
348 ctgtgacactgctggaacttcgc            23
351 <210> SEQ ID NO: 27
352 <211> LENGTH: 25
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: Description of the artificial sequence: primer s3
358     for APC
360 <400> SEQUENCE: 27
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364 <210> SEQ ID NO: 28
365 <211> LENGTH: 20

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VERIFICATION SUMMARY

DATE: 04/06/2006

PATENT APPLICATION: US/10/573,134

TIME: 13:41:44

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\04062006\J573134.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing (for reference only)



IFWP

RAW SEQUENCE LISTING

DATE: 04/04/2006

PATENT APPLICATION: US/10/573,134

TIME: 10:28:13

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04042006\J573134.raw

5 <110> APPLICANT: University Potsdam
 7 <120> TITLE OF INVENTION: Method for conducting non-invasive early detection of
 8 colon cancer and/or of colon cancer precursor cells
 10 <130> FILE REFERENCE: P198903PC
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/573,134
 C--> 13 <141> CURRENT FILING DATE: 2006-03-23
 15 <150> PRIOR APPLICATION NUMBER: DE 103 45 021.1
 16 <151> PRIOR FILING DATE: 2003-09-23
 18 <160> NUMBER OF SEQ ID NOS: 36
 20 <170> SOFTWARE: PatentIn Ver. 3.1

pp 1-2
Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

472 <210> SEQ ID NO: 36
 473 <211> LENGTH: 20
 474 <212> TYPE: DNA
 475 <213> ORGANISM: Artificial sequence
 477 <220> FEATURE:
 478 <223> OTHER INFORMATION: Description of the artifical sequence: Primer as
 479 for B-raf
 481 <400> SEQUENCE: 36
 482 gcattctgat gacttctggt
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10/573,134 2

SEQUENCE LISTING

<110> University Potsdam

<120> Method for conducting non-invasive early detection of
colon cancer and/or of colon cancer precursor cells

<130> P198903PC

<1507 <140> PCT/DE2004/002161
<1517 <141> 2004-09-23

There are prior data.

3

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/573,134

DATE: 04/04/2006

TIME: 10:28:14

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\04042006\J573134.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:487 M:254 E: No. of Bases conflict, this line has no nucleotides.